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Weather

December's storms favored a northern track, which brought heavy snows to Alaska and parts of Washington, California, Idaho, Montana, and Wyoming. Sites further south ended up on the lean side of normal

At Alyeska, AK, 185% of normal snow fell, it was the second highest December snow of record, and it was only the third month ever to exceed 200" of snow. Three big storms hit the area: 52" on the 3rd-5th, 42" on the 19th-23rd, and 60" on the 27th-31st. Eaglecrest, AK, saw steady snows all month.

In the Cascades of Washington, snowfall was above normal at most sites. Stevens Pass recorded 31" on the 15th-17th, 28" on the 26th-27th, and got 145% for the month. Mt. Rainier received 31" on the 1st-3rd, 24" on the 26th-27th, and wound up with 108%. Snoqualmie Pass reported 24" on the 1st-3rd, 25" on the 15th-17th, and 22" on the 26th-27th. Crystal Mt. got 92% of normal snows, while Mt. Hood Meadows, OR, was missed by the bigger storms and managed but 80%.

In the Sierra of California, Alpine Meadows and Squaw Valley recorded 180% of their December norms. A big storm raked the area on the 2nd-6th: Sugar Bowl got 60" of snow, Alpine Meadows, 57", and Squaw Valley, 52" (with 10" of water from snow and rain.) A second storm hit on the 12th-13th and dropped 27" at Alpine Meadows and 23" at Squaw Valley. Extensive avalanche cycles resulted from these two storms. Further south, Mammoth Mt. was on the fringe of these storms and got only 70% of normal December snows.

In the Intermountain area, snowfall was normal or above for the most part. In Idaho, Sun Valley recorded 140% of normal. In Montana, Big Sky got 115% while Bridger Bowl got 90%. In Wyoming, Teton Pass reported 98% of normal, while Jackson Hole, aided by measurable snow on 24 days, got 108%. The juicier storms skirted north of Utah, so that Alta and Snowbird got but 75% of normal.

In Colorado, snowfall was below normal. Aspen Mt. got 86%; Steamboat, 81%; Gothic, Monarch, and Wolf Creek, 72%; Beaver Creek, 70%; Crested Butte, 66%; Purgatory, 60%; Telluride, 51%; Vail and Winter Park, 47%; and Breckenridge, 33%. Taos, NM, finished December with 57% of normal.

Avalanche

With almost 600 avalanches recorded, Stevens Pass, WA, had its hands full. On the 26th, the snow was exceptionally unstable as 175 avalanches ran with the thump of explosives. Crystal Mt., too, was very busy, with 325 avalanches being recorded in December. Squaw Valley and Alpine Meadows, CA, weathered two big cycles, and these neighboring sites recorded 800 avalanches in total.

In December, only eight avalanche incidents were reported westwide, an exceptionally low number. Six were minor and resulted in six people caught and two partly buried. Two of the incidents were serious and both occurred on the 17th in Washington.

On the morning of December 17, the Cascades were in the third day of a vigorous storm system, and snow had turned to rain on Stevens Pass. A midnight control mission had released several avalanches. The highway had just been closed and existing traffic was being turned around when three natural releases blocked the highway. Minutes later a fourth avalanche struck four stopped vehicles and pushed them across the highway and into the snow bank on the shoulder. Snow buried, crushed, broke the windows and filled the inside of one vehicle; broke windows and filled the inside of a second; and did lesser damage to the other two vehicles. A total of 10 occupants were caught. All were quickly dug out; seven had suffered minor injuries.

Also on the morning of the 17th at Mission Ridge, WA, two patrollers were ski cutting the top of a slope that had been hit with explosives the day before. It avalanched and buried one patroller 2 feet deep. His partner located him with a beacon and uncovered him in about 10 minutes. The victim was not breathing, and his partner had just begun mouth-to-mouth resuscitation when a second avalanche was triggered by rescuers arriving at the site. This slide buried the initial victim and rescuer 2-4 feet for 3-5 minutes before being dug out. The initial rescuer was unhurt, while the victim still showed no response other than a weak pulse. Follow-up care could not save his life; he died at the hospital after being taken off life support. This was the 4th avalanche death of the winter.

Through December, 24 avalanche incidents have been reported, resulting in 37 people caught, 22 partly buried, 3 buried, 10 injured, and 4 killed.

U.S. FOREST SERVICE WESTWIDE WEATHER AND AVALANCHE NETWORK FORT COLLINS, COLORADO

DECEMBER 1994 SUMMARY OF WEATHER AND SNOW CONDITIONS

	SN	OWFAL	Ĺ		WA	TER E	QUI	VAL	ENT			SNC	W C	EPTH		TEMP	ERATURE	Ē		WIND ND D				
AREA	TOTAL SNOW- FALL IN.			D A T	TOTAL WATER IN.	MAX IN 24 HR. IN.		GE		AYS GE	GE	MAX IN.		MIN IN.		MEAN MAX DE	MEAN MIN GREES I	AVG	AVG FOR MO.	6 н	OUR IODS GE	FAST	UR	T
CENTRAL AND SOUTHERN	 Rocky i	MOUNT	[AIN:	S	I							ĺ			Ì				1					
ASPEN MOUNTAIN, COLO BEAR LAKE, RMNP, CO BEAVER CREEK, COLO BRECKENRIDGE, COLO CRESTED BUTTE, COLO GOTHIC, COLO KEYSTONE, COLO MONARCH, COLO PURGATORY, COLO SKI COOPER, COLO STEAMBOAT, COLORADO TAOS, NEW MEXICO TELLURIDE, COLO VAIL, COLO WINTER PARK S.A., CO WOLF CREEK, COLO	32.1 21.5 40.6 17.6 26.0 8.5 38.5 14.2 32.0 29.8 19.3 55.5 22.5 20.1 28.7 28.8 45.2	.07 .07 .09 .07 .05 .03 .08 	5 11 4 6 3 8 2 11 12 4 19 8 6 8 7	31 14 31 6 31 14 7 14 6 19 8 31 8 14	1.90 1.44 1.54 1.65	.67 .30 .60 .25 .70 .66 .15 .25 1.20 .65 .40 .38 .30 2.00	30 6 9 6 7 6 7 6 6 8 14 14	6 8 7 6 9 7 5 5 7 4 5 7 9 7	3 3 4 6	3 0 0 1 2	0 0 0 0 0 0 0 0 1 1	64	31 14 31 8 31 14 6 30 8 31 8 14 15	26 15 27 22 21 8 24 19 21 37 18 26 52 27 25 28 49	19 34 24 28 9 34 21 26 44 19 33 56 31 29	30.1 28.8 25.2 22.7M 24.4M 31.1 29.4 28.6 29.0 29.2 34.7M 27.8 27.1M 24.8M 27.6 22.5 31.5	17.8 11.7 8.5M 12.8M 5.2 4.3 9.0 11.3 9.3 6.9M 14.5 15.0M 13.2M 11.6	15.6M 18.6M 18.2 16.9 18.8 20.1 19.2 20.8M 21.2 21.1M 19.0M 19.6 16.2	5.4M 13.8M 8.2M 8.1 14.6M 6.1M 5.7	10H 4 53M 2M 4	19M		190	19
INTERMOUNTAIN																								
ALTA, UTAH BIG SKY, MONT BRIDGER BOWL, MONT JACKSON HOLE 1, WYO SCHWEITZER BASIN, ID SNOWBIRD, UTAH SUN VALLEY, IDAHO TETON PASS, WYO 22	65.5 55.8 54.0 72.5 69.3 59.1 47.0 60.0	.08 .10 .05	9 10 10 9	13 3 4 5 9	6.97 3.07 4.33	.95 1.00 1.35 .78 2.00	2 17		7 11 8 9		1 2 0 1	78 45 66 62 87 46	5 7 7 28 13	58 34 54 42 60 31	41 59 56 73 40	32.0 25.2 31.1 20.8 24.0 24.2M 23.8	11.0 11.5 15.6 14.5 16.1 10.3M 13.7	21.0 18.4 23.3 17.6 20.1 17.3M 18.7	13.2 15.6	14 58 59 5M	7 20 30 	43	230	19 17
WEST COAST																								
ALPENTAL, WASH ALPINE MEADOWS, CAL ALYESKA, ALASKA CRYSTAL MTN 1, WASH CRYSTAL MTN 2, WASH EAGLECREST, ALASKA HEAVENLY VALLEY, CAL MAMMOTH MTN, CALIF MT. HOOD MDWS, ORE. MT. RAINIER PARADISE SNOQUALMIE PASS I-90 SQUAW VALLEY, CALIF STEVENS PASS 5E WASH STEVENS PASS, WASH SUGAR BOWL, CALIF	39.5 42.0 66.3 129.7 106.0 101.2	.12 .09 .08 .11 .11 .15 .13 .12 .13 .15	24 11 11 10 11 8 18 18 21 18	16 2 15 12 25 9 26 2 4 9 27		3.53 2.65 2.85 3.40 2.50 1.85 2.13 3.70 2.21 4.25	4 20 20 15 4 27 20 20 4	13 19 19 16 13 7 19 19 10 	12 17 16 16 12 6 17 18 18 10 15	10 11 10 9 7 4 10 11 12 9	3 5 2 3 4 8 9 5 7	90 85 121 72 84 132 56 37 95 142 78 130 99 99 121	13 31 16 21 20 13 29 16 26 27 13 27	97 42 13 72 120 49 77 61 60	89 59 75 117 47 27 82 130 64 112 78 77	34.0 26.5 32.1 25.8 24.4M 34.5 31.9 33.6 30.6 31.2 32.1 26.9M 27.6 30.1	15.4 15.9 21.9 19.8 22.7M 21.5 21.1M 20.8	28.4 22.2 27.0 21.9 20.8M 24.9 23.9 27.6 25.2 27.0M	4.8 18.5 16.8 4.7M 27.2 11.1M 9.7M	103 1 80 81 3M 99	0 63 44 2M 87 17M 4M	80 18 60 53 61	230 100 250 260 250	18

⁻⁻ DATA INCOMPLETE OR MISSING

M-ONE OR MORE DAYS OF RECORD MISSING-IF AVERAGE VALUE IS ENTERED, LESS THAN 10 DAYS RECORD IS MISSING IF M IS ENTERED IN WIND SPEED COLUMN, LESS THAN 37 6-HOUR PERIODS ARE MISSING GE--GREATER THAN OR EQUAL TO

U.S. FOREST SERVICE WESTWIDE WEATHER AND AVALANCHE NETWORK FORT COLLINS, COLORADO

DECEMBER 1994 AVALANCHE SUMMARY

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BRECKENRIDGE, COLO	35	71	1	31		16	13	0	32	3	6		0	0	13	2	0	31	7		1000	0
COPPER MT, COLO	12	34	8	19		19+		1	12	0	3		0	0	7	0	0	8	0	0	450	0
CRESTED BUTTE, COLO	15	30	2	24	4	4	7	0	15	0	3		0	0	15	6	1	14	5		1500	0
GOTHIC, COLO	21 4	38 6	6 3	31 16	6 2	14	8 3	0	0	21 0	0 2	•	0	17 0	1	0	0	19	17		1800	0
MONARCH, COLORADO	24	53	6	25	5	9+		Ö	4	21	0		0	11	0	1	1	1	1	0	500	0 5
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WOLF CREEK, COLO	8	23	6	14	3	6	4	Ŏ	8	ő	ó	-	Ŏ	ŏ	3	Ŏ	ŏ	ĩ	ő	ŏ	200	ŏ
INTERMOUNTAIN																						
ALTA, UTAH	128	285	1	26	27		16	5	125	3	_	123	0	0	20	1	1	59			1100	0
BIG SKY, MONT	60	101	1	24	28	2	9	0	58	2	17		0	0	22	3	0	60	45		1400	0
BRIDGER BOWL, MONT	174	235	1	31	35	2	17	1	173	1		152	0	11	6	0	0	171			1350	0
JACKSON HOLE, WYO	26	26	4	17	10		6	0	24	2	1		0	0	14	4	0	26	13		2500	0
PARK WEST, UTAH	3 253	3	10	14	2	10	2	0	3	0	0	3	0	0	3	0	0	3	1	0	500	0
SNOWBIRD, UTAH	253 1	1	26	26	4	26	1	0	1	0	1	0	0	0	4	1	0	0	0	0	80	0
SUN VALLEY, IDAHO TETON PASS, WYO 22	3	3	17	17		17	1	0	3	Ô	0		0	0	1 3	ó	0	3	3	_	1700	1
WEST COAST																						
ALPENTAL, WASH	39	39	2	26	9	26	9	0	36	3	0		16	0	24	0	0	39	25	6	1200	0
ALPINE MEADOWS, CAL	384	512	3	28	65	-	10	0	368	16	-	383	0	0	69	1	0	353		0	900	0
ALYESKA, ALASKA	159	190	3	30	38		10	0	74	85		159	0	0	77	2	0	148			15004	
CRYSTAL MTN, WASH	325	454	1	31	56		15	0	282	43		224	. —	9	13	0	0	318	193		1800	0
HEAVENLY VALLEY, CAL	12	17	4	12	11		2	0	12	0	0		0	1	0	0	0	12	9	0	700	0
MAMMOTH MTN, CALIF	18	69	4	26	_	13	6	0	18	0	0		0	0	3	0	0	12	6		1000	0
MT. HOOD MEADOWS	48	95	2	28	8	7	10	0	48	0	0		0	0	5	1	0	32	9		1400	0
SNOQUALMIE PASS I-90	49	68	2	26			7	1	23	26	0		4	15	1	0	0	38	25		2600	7
SQUAW VALLEY, CALIF	415	544	3	28	107		10	0	415	0	0		4	2	65	6	2	215	26		1000	0
STEVENS PASS U.S. 2	48 50/	48	2	27	23 175		7	2	43	5	0		0	0	5	0	0	42	40		1500	6
STEVENS PASS, WASH	594 73	859 74	1 3	27 12	29	26 4	14 4	0	591 71	3 2	1	496 70	0	29 0	69 30	0	0 1	0 49	0 12	0	900	0
SUGAR BOWL, CALIF WHITE PASS, WASH	73 13	76 26	1	26		26	5	0	9	4	Ö		8	1	2	0	Ó	2	0	0	300	0

^{-- =} DATA INCOMPLETE OR MISSING

GE = GREATER THAN OR EQUAL TO + = ALSO OCCURRED ON OTHER DATES